

## Title (en)

Apparatus and method for transmitting/receiving channel quality information in a communication system

## Title (de)

Gerät und Verfahren zur Übertragung und zum Empfangen von Kanalqualitätsinformationen in einem Kommunikationssystem

## Title (fr)

Appareil et procédé pour la transmission/réception d'informations sur la qualité d'un canal dans un système de communication

## Publication

**EP 2197226 A3 20101124 (EN)**

## Application

**EP 10003261 A 20060105**

## Priority

- EP 06000201 A 20060105
- KR 20050000998 A 20050105
- KR 20050018372 A 20050304

## Abstract (en)

[origin: EP1679924A2] An apparatus and method for transmitting/receiving channel quality information (CQI) in a communication system having a frame including subchannels corresponding to the same frequency reuse factor or different frequency reuse factors. A base station (BS) allocates at least one of the subchannels in the frame to a subscriber station (SS), and sends a transmission request for a CQI for a subchannel desired to be received, to the SS. The SS measures channel quality for individual subchannels requested by the BS in response to the CQI request, and transmits the measured channel quality to the BS.

## IPC 8 full level

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## Citation (search report)

- [A] WO 0249305 A2 20020620 - BROADSTORM TELECOMMUNICATIONS [US]
- [A] WO 2004098072 A2 20041111 - MOTOROLA INC [US], et al
- [A] US 2004190640 A1 20040930 - DUBUC CHRISTIAN [CA], et al

## Cited by

US10959120B2

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA HR MK YU

## DOCDB simple family (publication)

**EP 1679924 A2 20060712; EP 1679924 A3 20101208; EP 1679924 B1 20170315;** AU 2006204242 A1 20060713; AU 2006204242 B2 20100218; BR PI0606436 A2 20090630; BR PI0606436 B1 20190416; CA 2592758 A1 20060713; CA 2592758 C 20120417; CN 101133615 A 20080227; CN 101133615 B 20110525; CN 101827390 A 20100908; CN 101827390 B 20121024; EP 2197226 A2 20100616; EP 2197226 A3 20101124; EP 2197226 B1 20180307; JP 2008524913 A 20080710; JP 2011223614 A 20111104; JP 4805278 B2 20111102; JP 5259776 B2 20130807; KR 100617835 B1 20060828; KR 20060080519 A 20060710; RU 2007125310 A 20090110; RU 2364046 C2 20090810; US 2006148411 A1 20060706; US 2009303900 A1 20091210; US 7602843 B2 20091013; US 8090012 B2 20120103; WO 2006073271 A1 20060713

## DOCDB simple family (application)

**EP 06000201 A 20060105;** AU 2006204242 A 20060105; BR PI0606436 A 20060105; CA 2592758 A 20060105; CN 200680007185 A 20060105; CN 201010144015 A 20060105; EP 10003261 A 20060105; JP 2007546576 A 20060105; JP 2011133049 A 20110615; KR 20050018372 A 20050304; KR 2006000042 W 20060105; RU 2007125310 A 20060105; US 32616006 A 20060105; US 54386109 A 20090819